## 10/560646

## IAP9 Rec'd PCT/PTO 13 DEC 2009

Docket No. 5000-5292

|   | IN THE UNITED STATES   |   | RECEIVING OF<br>DESIGNATED OF<br>ELECTED OFFI | OFFICE (DO/ÚS)   |                   |  |  |  |  |
|---|--|---|---|--|-------------------|--|--|--|--|
| - | INTERNATIONAL APPLICATION NO. PCT/JP2004/008219  | INTERNATION<br>11 June 2004   | AL FILING DATE                                | PRIORITY DATE CLAIM 13 June 2003                               | (ED               |  |  |  |  |
| • | TITLE OF INVENTION<br>LIMITER CIRCUIT AND SEMICONDUC   | TOR INTEGRATED  | CIRCUIT THEREFO                               | )R   |                   |  |  |  |  |
|   |  | Takefumi NISHIMUTA, Hiroshi MIYAGI, Tadahiro OHMI, Shigetoshi SUGAWA, and Akinobu TERAMOTO        |   |  |                   |  |  |  |  |
|   | Mail Stop PCT Commissioner for Patents   |   |   |  |                   |  |  |  |  |
| ï | P.O. Box 1450<br>Alexandria, VA 22313-1450   |   |   |  |                   |  |  |  |  |
|   | Express Mail Certification   |   |   |  |                   |  |  |  |  |
|   | I declare that on the date indicated below I deposited with the United States Postal Service in an envelope "Express Mail, Post Office to Addressee", bearing Label Number EV 622 495 260 US, addressed to the Commissioner for Patents, Box PCT (DO/EO/US), P.O. Box 1450, Alexandria, VA 22313-1450 and having an express mail certification which I executed, the following papers:   |   |   |  |                   |  |  |  |  |
|   | <ol> <li>Transmittal Letter to the under 35 USC 371;</li> <li>Specification: 30 pps; C</li> <li>Formal Drawings: 5 she</li> <li>Information Disclosure S</li> <li>PTO Form 1449 and cite</li> <li>International Search Rep</li> <li>Preliminary Amendment</li> <li>Declaration and Power of</li> <li>Assignment with Record</li> <li>First page of published at</li> <li>PCT/IB/301;</li> <li>PCT/IB/304;</li> <li>PCT/IB/307;</li> <li>PCT/IB/308;</li> <li>PCT/IB/311; and</li> <li>Return receipt postcard</li> </ol> | claims: 4 pps; Abstracts (Fig 1-5); Statement; d references; sort; if Attorney; dation Form Cover | ract 1 pp;                                    | O/US) Concerning a Submissio                                   | n                 |  |  |  |  |
|   | I hereby declare that all statements made information and belief are believed to be willful false statements and the like so n Title 18 of the United States Code, and to of any patent issuing thereon.   | e true; and further to<br>made are punishable   | hat these statements<br>by fine or imprisor   | were made with the knowledg<br>ment, or both, under section 10 | ge that<br>001 of |  |  |  |  |

(Typed or printed name of person making this verified statement)

(Signature of person making this verified statement)

Date

December 13, 2005

FORM PTO-1390 (REV 07-2005)

## TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A SUBMISSION UNDER 35 U.S.C. 371

1

5000-5292 .

3000-3292 .

U.S. APPLICATION NO. (If known, see 37 CFR 1.5)
10/560646

| 10, 3004  |  |   |  |  |  |  |  |  |
|---|--|---|--|--|--|--|--|--|
| INTERNATIONAL APPLICATION INTERNATIONAL FILING DATE PRIORITY DATE CLAIMED 13 June 2003  |  |   |  |  |  |  |  |  |
|   | TITLE OF INVENTION   |   |  |  |  |  |  |  |
| APPLICANT(S) FOR DO/EO/US  APPLICANT(S) FOR DO/EO/US  |  |   |  |  |  |  |  |  |
| Takefumi NISHIMUTA, Hiroshi MIYAGI, Tadahiro OHMI, Shigetoshi SUGAWA, and Akinobu TERAMOTO                                      |  |   |  |  |  |  |  |  |
| Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information: |  |   |  |  |  |  |  |  |
| 1.  | $\boxtimes$  | This is a FIRST submission of items concerning a submission under 35 U.S.C. 371.  |  |  |  |  |  |  |
| 2.  |  | This is a SECOND or SUBSEQUENT submission of items concerning a submission under 35 U.S.C. 371.   |  |  |  |  |  |  |
| 3.  | ×  | This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below.   |  |  |  |  |  |  |
| 4.  | $\boxtimes$  | The US has been elected. (Article 31).  |  |  |  |  |  |  |
| 5.  | $\boxtimes$  | A copy of the International Application as filed (35 U.S.C. 371(c)(2))  |  |  |  |  |  |  |
|   | ъ. 🗀   | <ul> <li>a.  is attached hereto (required only if not communicated by the International Bureau).</li> <li>b.  has been communicated by the International Bureau.</li> <li>c.  is not required, as the application was filed in the United States Receiving Office (RO/US).</li> </ul> |  |  |  |  |  |  |
| 6.  | $\boxtimes$  | An English language translation of  | of the International application as filed (35 U.S.C. 3 | 71(c)(2)).   |  |  |  |  |
|   | a. ⊠ is attached hereto b. ☐ has been previously submitted under 35 U.S.C. 154(d)(4).  |   |  |  |  |  |  |  |
| 7.  | $\boxtimes$  | Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))  |  |  |  |  |  |  |
|   | <ul> <li>a.  are attached hereto (required only if not communicated by the International Bureau).</li> <li>b.  have been communicated by the International Bureau.</li> <li>c.  have not been made; however, the time limit for making such amendments has NOT expired.</li> <li>d.  have not been made and will not be made.</li> </ul> |   |  |  |  |  |  |  |
| 8.  |  | An English language translation of  | of the amendments to the claims under PCT Article      | 19 (35 U.S.C. 371(c)(3)).                          |  |  |  |  |
| 9.  | $\boxtimes$  | An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).  |  |  |  |  |  |  |
| 10.   |  | An English translation of the anne  | exes to the International Preliminary Examination F    | Report under PCT Article 36 (35 U.S.C. 371(c)(5)). |  |  |  |  |
| Items 11 to 20 below concern document(s) or information included:   |  |   |  |  |  |  |  |  |
| 11.   | $\boxtimes$  | An Information Disclosure Staten  | nent under 37 CFR 1.97 and 1.98, with Form 1449        | and a copy of all cited references.                |  |  |  |  |
| 12.   | $\boxtimes$  | An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.   |  |  |  |  |  |  |
| 13.   | $\boxtimes$  | A preliminary amendment.  |  |  |  |  |  |  |
| 14.   |  | An Application Data Sheet under 37 CFR 1.76.  |  |  |  |  |  |  |
| 15.   |  | A substitute specification.   |  |  |  |  |  |  |
| 16.   |  | A power of attorney and/or change of address letter.  |  |  |  |  |  |  |
| 17.   |  | A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 C.F.R. 1.821-1.825.   |  |  |  |  |  |  |
| 18.   |  | A second copy of the published international application under 35 U.S.C. 154(d)(4).   |  |  |  |  |  |  |
| 19.   |  | A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).   |  |  |  |  |  |  |
| 20.   | $\boxtimes$  | Other items or Information:   |  |  |  |  |  |  |
| retur   | Copy of first page of PCT Publication; PCT/IB/301; PCT/IB/304; PCT/IB/307; PCT/IB/308; PCT/IB/311; International Search Report; and return receipt postcard.   |   |  |  |  |  |  |  |

| U.S. APPLICATION NO. (if known, see 37 C.F.R. 1.5) INTERNATIONAL APPLICATION NO.   |  |  |                       |                 | ATTORNEY'S DOCKET NO.                 |          |  |  |  |
|--|--|--|-----------------------|-----------------|---------------------------------------|----------|--|--|--|
| TBA 10/56064 6 CT/JP2004/008219  |  |  |                       |                 | 5000-5292                             |          |  |  |  |
|  |  |  | CALCULATIONS          | PTO USE ONLY    |                                       |          |  |  |  |
| The following fees ha  | ave been submitted   | \$300                                    |                       |                 |                                       |          |  |  |  |
| 22. Examination fee  If the written opinion prepared by ISA/US or the international preliminary examination                                |  |  |                       |                 |                                       |          |  |  |  |
|  | ten opinion prepared by<br>pared by IPEA/US indic  |  |                       |                 |                                       |          |  |  |  |
| PCT Artic  | le 33 (1)-(4)  |  |                       |                 |                                       |          |  |  |  |
|  |  | ······                                   |                       | \$200           | \$200                                 |          |  |  |  |
| 23. Search fee   |  | JS or the International pr               | eliminary examinati   | on report       |                                       |          |  |  |  |
| prepared b   | y IPEA/US indicates al   |  |                       |                 |                                       |          |  |  |  |
|  |  |  |                       |                 |                                       |          |  |  |  |
|  |  | has been paid on the inter               |                       |                 |                                       |          |  |  |  |
| Internation  | nal Search Report prepar   | red by an ISA other than                 | the US and provided   | l to the        |                                       |          |  |  |  |
|  |  | ed to the US by the IB                   |                       |                 | \$400                                 |          |  |  |  |
| An other s   | TOTAL OF 21  |  |                       |                 | \$900                                 |          |  |  |  |
| Additional fee f   |  | wings filed in paper over                | 100 sheets (excludi   | ng sequence     | Ψ,00                                  | 1        |  |  |  |
| listing or compu   | iter program listing filed   | l in an electronic medium                |                       |                 |                                       |          |  |  |  |
| additional 50 sh   | ects of paper or fraction  | thereof. Number of each addition         | nol 50 or fraction    |                 |                                       | 1        |  |  |  |
| Total Sheets   | Extra Sheets   | thereof (round up to a w                 |                       | RATE            |                                       |          |  |  |  |
| - 100 =  | /50 =  | · · · · · · · · · · · · · · · · · · ·    |                       | x \$250.00      | \$0                                   |          |  |  |  |
| Surcharge of \$130.  | 00 for furnishing the  | oath or declaration lat                  | ter than 30 months    |                 | · · · · · · · · · · · · · · · · · · · |          |  |  |  |
| earliest claimed pri   | iority date (37 CFR 1  | .492(h)).                                |                       |                 | \$                                    |          |  |  |  |
| CLAIMS   | NUMBER FILED   | NUMBER EXTRA                             | RATE                  | }               | \$                                    |          |  |  |  |
|  |  |  |                       |                 | \$0                                   |          |  |  |  |
| Total claims   | 8 - 20 =   |  | x \$50.00             |                 |                                       |          |  |  |  |
| Independent claims   | 2 - 3 =  | = 0 x \$200.00                           |                       | 00              | \$0                                   |          |  |  |  |
| MULTIPLE DEPEN   | DENT CLAIM(S) (if ap   | plicable)                                | + \$360.              | 00              | \$0                                   | <u> </u> |  |  |  |
|  |  |  | BOVE CALCUL           |                 | \$900                                 |          |  |  |  |
|  |  | e 37 CFR 1.27. The fees                  | indicated above are   | reduced by      | s                                     |          |  |  |  |
| /2.  |  |  | CIT                   | TOTAL -         | \$900                                 |          |  |  |  |
| Processing fee of \$13   | 0.00 for furnishing the  | English translation later t              | than 30 months from   | the earliest    | 3900                                  |          |  |  |  |
| claimed priority date  |  | Dirginon danotation later                |                       | +               | \$                                    |          |  |  |  |
|  |  | · 1                                      | TOTAL NATION          | AL FEE =        | \$900                                 |          |  |  |  |
| Fee for recording the  | enclosed assignment (3   | 7 CFR 1.21(h)). The assi                 | gnment must be acc    | ompanied by     | œ.                                    |          |  |  |  |
| an appropriate cover   | sheet (37 CFR 3.28, 3.3  | 1). \$40.00 per property                 |                       | +               | \$                                    |          |  |  |  |
|  |  | TO                                       | OTAL FEES ENG         | CLOSED =        | 900                                   |          |  |  |  |
|  |  |  |                       |                 | Amount to be refunded:                | \$       |  |  |  |
|  |  | · · · · · · · · · · · · · · · · · · ·    |                       |                 | Amount to be                          |          |  |  |  |
|  |  |  |                       |                 | charged:                              | \$900    |  |  |  |
| a. A check in  | n the amount of \$   | to cover the above fees i                | s enclosed.           |                 |                                       |          |  |  |  |
| b. 🛛 Please cha  | arge my Deposit Accour   | nt No. <u>13-4500</u> , ( <u>Order N</u> | lo. 5000-5292) in the | amount of \$9   | 00.00 to cover the above              | fees.    |  |  |  |
|  | •  |  |                       | ay be required, | or credit any overpayme               | nt to    |  |  |  |
| d . Fees are to  | Deposit Account No. 13-4500. A duplicate copy of this sheet is enclosed.  d. Fees are to be charged to a credit card. WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038. |  |                       |                 |                                       |          |  |  |  |
| NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and |  |  |                       |                 |                                       |          |  |  |  |
| granted to restore the application to pending status.  |  |  |                       |                 |                                       |          |  |  |  |
| SEND ALL CORRE   | SEND ALL CORRESPONDENCE TO:    Steven   Moyo   |  |                       |                 |                                       |          |  |  |  |
| Signature (/   |  |  |                       |                 |                                       |          |  |  |  |
| Steven F. Meyer, Esq.  |  |  |                       |                 |                                       |          |  |  |  |
| Morgan & Finne   |  | _  |                       |                 |                                       |          |  |  |  |
| 3 World Financial Center New York, New York 10281-2101   |  |  |                       |                 | -                                     |          |  |  |  |
| 1  |  |  | ,                     |                 |                                       |          |  |  |  |
| (212) 415-8700 Telephone 35.613<br>(212) 415-8701 Facsimile REGISTRATION NUMBER  |  |  |                       |                 |                                       |          |  |  |  |
| (2.2) .13-0/011  | <u> </u>   |  |                       |                 |                                       |          |  |  |  |